

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	451/1.ccls. and ((force or pressure) adj gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 18:22
L2	6	451/10.ccls. and ((force or pressure) adj gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 18:30
L3	7	451/303.ccls. and ((force or pressure) adj gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 18:31
L4	2	451/304.ccls. and ((force or pressure) adj gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 18:32
L5	33	451/5.ccls. and ((force or pressure) adj gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 18:55
L6	24	(US-20040254677-\$ or US-20040029489-\$ or US-20020072297-\$ or US-20040259471-\$ or US-20020173226-\$).did. or (US-6836702-\$ or US-5441437-\$ or US-5299389-\$ or US-5126645-\$ or US-5077941-\$ or US-4894597-\$ or US-5814959-\$ or US-5668453-\$ or US-5129044-\$ or US-6205839-\$ or US-5067085-\$ or US-6876899-\$ or US-5963711-\$ or US-6921317-\$ or US-6102781-\$ or US-4768308-\$). did. or (JP-05301157-\$ or JP-01171761-\$).did. or (RD-427023-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/12/23 18:55
L7	8	L6 and (force adj (gauge or sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 19:52

EAST Search History

L8	4	L6 and cam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 19:08
L9	1	L6 and turbine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 19:52
S1	1787	(robot or machine) and (contact adj force) and (blend\$3 or finish\$3 or polish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 14:40
S2	36	S1 and ((predetermin\$4 or set or calculat\$4 or programmed) adj (path or route))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 16:53
S3	11	("4808063" "4952772" "5067085" "5261768" "5343385" "5399951").PN. OR ("5668453"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 10:53
S4	17	("3844172" "4337566" "4523409").PN. OR ("5077941"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 10:54
S5	21	("3492764" "3676960" "3877177" "4128968" "4557075" "4590573" "4612736" "4653233").PN. OR ("4768308"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 10:55
S6	15	("4221514" "4501094" "4520597" "4603511" "4637775" "4777769" "4894597" "5077941" "5119600" "5126645" "5146714" "5299389" "5509848" "5799135" "6165057").PN. OR ("6876899"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 10:56
S7	14	("3859760" "4630214" "4817848" "4826392" "4894597" "4904152").PN. OR ("5126645"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:46
S8	13	("4403281" "4518307" "4777769").PN. OR ("4894597"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 12:01

EAST Search History

S9	1574	700/245.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 14:41
S10	1574	700/245.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:29
S11	339	S10 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:15
S12	164	S11 and force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:15
S13	13	("4402053" "4763276" "5195234" "5297238" "5471312" "5572103" "5675229" "5887121" "6044308" "6198794" "6226566" "6393340" "6529852").PN. OR ("6836702"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 14:09
S14	175	S11 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 14:30
S15	281	700/260.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:15
S16	224	S15 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:27
S17	51	S16 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:27

EAST Search History

S18	388	700/258.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:27
S19	248	S18 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:25
S20	57	S19 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:43
S21	238	700/253.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:35
S22	41	S21 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:29
S23	5	("20010056313" "20020064438" "5701965" "6217114" "6592315").PN. OR ("6917854").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 15:31
S24	138	901/34.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:43
S25	355	901/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:49
S26	71	S25 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 15:49
S27	480	901/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:24

EAST Search History

S28	86	S27 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:25
S29	1157	451/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:25
S30	416	S29 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:25
S31	249	S30 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:25
S32	14	S31 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 15:49
S33	235	S31 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 16:35
S34	1157	451/1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 16:37
S35	416	S34 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 16:38
S36	20	S35 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 16:37
S37	13	S35 and (contact adj (forc\$3 or pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 16:19

EAST Search History

S38	2169	451/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:42
S39	276	S38 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:42
S40	236	S39 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 18:13
S41	26	(robot with open\$3 with door) same (retriev\$3 or grasp\$3 or handl\$3 or carr\$4 or (pick\$3 adj1 up)) same (object or item or element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:07
S42	22	("3606162" "3709190" "4187454" "4239431" "4342535" "4342536" "4357900" "4409718" "4423999").PN. OR ("4546724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:12
S43	586	451/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:47
S44	45	S43 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:42
S45	88	451/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:52
S46	68	409/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/14 17:54
S47	144	409/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/15 12:56

EAST Search History

S48	20	((("4000583") or ("4221514") or ("4753044") or ("4894597") or ("5067085") or ("5241792") or ("5299389") or ("5796229") or ("6253120"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 10:55
S49	20	((("4112629") or ("5923558") or ("4527359") or ("5331770") or ("4401699") or ("5067085") or ("4876760") or ("4396836"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/15 12:57
S50	285	(finish\$3 or treat\$4) same (aircraft or turbine or panel) same (robot\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 16:55
S51	213	S50 and (grind\$3 or blend\$3 or abrad\$3 or smooth\$3 or finish\$3 or polish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:06
S52	151	S51 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:35
S53	1283	451/8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:06
S54	1098	S53 and (grind\$3 or blend\$3 or abrad\$3 or smooth\$3 or finish\$3 or polish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:07
S55	115	S54 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:29
S56	2	("2002/0072297").URPN.	USPAT	OR	ON	2006/12/19 17:10
S57	6	("20020072297" "5129044" "5497061" "5814959" "6379221").PN. OR ("6921317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 17:17
S58	2	("20050159840").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/23 18:20

EAST Search History

S59	1525	588/? .ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:31
S60	8425	"588"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:31
S61	42	S60 and robot\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:58
S62	26	S51 and cam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 17:58
S63	18	(US-20040259471-\$ or US-20040254677-\$ or US-20020072297-\$).did. or (US-5126645-\$ or US-5077941-\$ or US-4894597-\$ or US-5963711-\$ or US-5067085-\$ or US-6205839-\$ or US-6876899-\$ or US-5668453-\$ or US-5299389-\$ or US-6836702-\$ or US-6921317-\$ or US-5814959-\$ or US-5129044-\$).did. or (JP-01171761-\$ or JP-05301157-\$). did.	US-PGPUB; USPAT; JPO	OR	ON	2006/12/19 19:03
S64	2	S63 and cam	US-PGPUB; USPAT; JPO	OR	ON	2006/12/19 19:10
S65	466	robot\$2 and (end adj2 effector) and cam and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:15
S66	174	robot\$2 and (end adj2 effector) and cam and (force or pressure) and belt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:15
S67	5	S66 and ((abras\$4 or finish\$3 or treat\$4 or abrad\$3 or blend\$3 or grind\$3) with belt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:16

EAST Search History

S68	14	blending adj wheel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:35
S69	587	451/9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:35
S70	351	S69 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 19:35
S71	35	S70 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:09
S72	921	(advanced adj industrial adj science).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:09
S73	18	S72 and robot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:11
S74	17	S72 and aist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:16
S75	1	S72 and humanoid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:16
S76	15	S72 and refrigerator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/19 20:16
S77	6107	(robot or machine) and (contact adj (force or pressure)) and (blend\$3 or finish\$3 or polish\$3) and (position or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:46

EAST Search History

S78	340	700/245.ccls. and (blend\$3 or abrad\$3 or polish\$3 or finish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 14:42
S79	201	S78 and (force or pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 14:42
S80	2174	451/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 18:15
S81	278	S80 and robot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 18:15
S82	238	S81 and (finish\$3 or polish\$3 or blend\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 18:15
S83	18	S82 and ((contact or touch\$3) near (pressure or force))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/22 18:15
S84	15	("3524285" "3603041" "3691698" "3897655" "4488382" "4601134" "4663892" "5035087" "5044124" "5054244" "5177903" "5185961" "5299389").PN. OR ("5441437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 18:36
S85	16	("20050115297" "2796215" "3909600" "3988913" "4623971" "4646251" "4835710" "4972347" "5187967" "5465780" "5557719" "5664085" "6018860" "6612811" "6684742").PN. OR ("7097540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 19:13

EAST Search History

S86	15	("4221514" "4501094" "4520597" "4603511" "4637775" "4777769" "4894597" "5077941" "5119600" "5126645" "5146714" "5299389" "5509848" "5799135" "6165057").PN. OR ("6876899").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/22 19:23
S88	6107	(robot or machine) and (contact adj (force or pressure)) and (blend\$3 or finish\$3 or polish\$3) and (position or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:47
S89	1041	S88 and ((position or location) with (workpiece or tool or (end adj effect\$4) or piece))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:48
S90	152	S89 and ((force or pressure or strain) adj (sensor or gauge or measur\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/23 13:50
S91	7	("4905417" "5103596" "5773731" "6306018").PN. OR ("6511364").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/23 14:23
S92	20	("1618207" "3694966" "3782044" "3895464" "4151705" "4512110" "4569155" "4594815" "4601134" "4640056" "5094036" "5220750").PN. OR ("6102781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/23 14:25